



Appendix C. Radiated Spurious Emission

Test Engineer :	Yuan Lee and Troye Hsieh	Temperature :	20.1~22.3°C
		Relative Humidity :	54.1~66.7%

2.4GHz 2400~2483.5MHz

WIFI 802.11b (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b CH 01 2412MHz		2388.75	53.99	-20.01	74	43.64	27.45	17.1	34.2	100	228	P	H
		2390	43.23	-10.77	54	32.87	27.46	17.1	34.2	100	228	A	H
		2412	113.56	-	-	103.05	27.57	17.13	34.19	100	228	P	H
		2412	110.46	-	-	99.95	27.57	17.13	34.19	100	228	A	H
													H
													H
		2388.54	53.32	-20.68	74	42.97	27.45	17.1	34.2	100	171	P	V
		2388.75	43.15	-10.85	54	32.8	27.45	17.1	34.2	100	171	A	V
		2412	113.31	-	-	102.8	27.57	17.13	34.19	100	171	P	V
		2412	110.22	-	-	99.71	27.57	17.13	34.19	100	171	A	V
													V
													V
		2376.72	53.07	-20.93	74	42.79	27.41	17.08	34.21	106	230	P	H
		2389.04	41.96	-12.04	54	31.6	27.46	17.1	34.2	106	230	A	H
802.11b CH 06 2437MHz	*	2437	111.25	-	-	100.55	27.72	17.16	34.18	106	230	P	H
	*	2437	108.13	-	-	97.43	27.72	17.16	34.18	106	230	A	H
		2496.32	53.34	-20.66	74	42.36	27.89	17.25	34.16	106	230	P	H
		2485.6	42.37	-11.63	54	31.44	27.87	17.23	34.17	106	230	A	H
		2360.56	53.54	-20.46	74	43.35	27.34	17.06	34.21	108	312	P	V
		2390	41.72	-12.28	54	31.36	27.46	17.1	34.2	108	312	A	V
	*	2437	111.54	-	-	100.84	27.72	17.16	34.18	108	312	P	V
	*	2437	108.38	-	-	97.68	27.72	17.16	34.18	108	312	A	V
		2497.28	53.65	-20.35	74	42.67	27.89	17.25	34.16	108	312	P	V
		2484.8	42.58	-11.42	54	31.65	27.87	17.23	34.17	108	312	A	V



802.11b CH 11 2462MHz	*	2462	111.33	-	-	100.48	27.82	17.2	34.17	166	357	P	H
	*	2462	108.14	-	-	97.29	27.82	17.2	34.17	166	357	A	H
		2496.76	54.87	-19.13	74	43.89	27.89	17.25	34.16	166	357	P	H
		2485.04	43.44	-10.56	54	32.51	27.87	17.23	34.17	166	357	A	H
													H
													H
	*	2462	111.79	-	-	100.94	27.82	17.2	34.17	116	308	P	V
	*	2462	108.81	-	-	97.96	27.82	17.2	34.17	116	308	A	V
		2485.32	53.69	-20.31	74	42.76	27.87	17.23	34.17	116	308	P	V
		2483.52	43.09	-10.91	54	32.16	27.87	17.23	34.17	116	308	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz
WIFI 802.11b (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b CH 01 2412MHz		4824	44.45	-29.55	74	58.08	32.54	11.79	57.96	100	61	P	H
		4824	36.9	-17.1	54	50.53	32.54	11.79	57.96	100	61	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		4824	47.67	-26.33	74	61.3	32.54	11.79	57.96	105	294	P	V
		4824	42.62	-11.38	54	56.25	32.54	11.79	57.96	105	294	A	V
													V
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													V
													V



WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b CH 06 2437MHz		4874	44.68	-29.32	74	58.06	32.75	11.86	57.99	100	65	P	H
		4874	35.91	-18.09	54	49.29	32.75	11.86	57.99	100	65	A	H
		7311	51.7	-22.3	74	59.11	36.86	14.46	58.73	121	355	P	H
		7311	44.56	-9.44	54	51.97	36.86	14.46	58.73	121	355	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		4874	45.86	-28.14	74	59.24	32.75	11.86	57.99	112	274	P	V
		4874	38.11	-15.89	54	51.49	32.75	11.86	57.99	112	274	A	V
		7311	54.69	-19.31	74	62.1	36.86	14.46	58.73	110	295	P	V
		7311	49.57	-4.43	54	56.98	36.86	14.46	58.73	110	295	A	V
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WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b CH 11 2462MHz		4924	45.84	-28.16	74	59.04	32.9	11.93	58.03	114	68	P	H
		4924	37.95	-16.05	54	51.15	32.9	11.93	58.03	114	68	A	H
		7386	52.57	-21.43	74	60.38	36.56	14.35	58.72	104	260	P	H
		7386	46.54	-7.46	54	54.35	36.56	14.35	58.72	104	260	A	H
													H
													H
													H
													H
													H
													H
													H
													H
		4924	46.53	-27.47	74	59.73	32.9	11.93	58.03	100	229	P	V
		4924	38.52	-15.48	54	51.72	32.9	11.93	58.03	100	229	A	V
		7386	54.69	-19.31	74	62.5	36.56	14.35	58.72	107	295	P	V
		7386	49.58	-4.42	54	57.39	36.56	14.35	58.72	107	295	A	V
													V
													V
													V
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Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz
WIFI 802.11g (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11g CH 01 2412MHz		2390	65.85	-8.15	74	55.49	27.46	17.1	34.2	100	243	P	H
		2389.59	51.48	-2.52	54	41.12	27.46	17.1	34.2	100	243	A	H
	*	2412	111.88	-	-	101.37	27.57	17.13	34.19	100	243	P	H
	*	2412	104.13	-	-	93.62	27.57	17.13	34.19	100	243	A	H
													H
													H
		2389.8	65.75	-8.25	74	55.39	27.46	17.1	34.2	115	172	P	V
		2389.275	51.33	-2.67	54	40.97	27.46	17.1	34.2	115	172	A	V
	*	2412	111.48	-	-	100.97	27.57	17.13	34.19	115	172	P	V
	*	2412	103.62	-	-	93.11	27.57	17.13	34.19	115	172	A	V
													V
													V
		2388.72	53.27	-20.73	74	42.92	27.45	17.1	34.2	116	347	P	H
		2390	42.83	-11.17	54	32.47	27.46	17.1	34.2	116	347	A	H
802.11g CH 06 2437MHz	*	2437	114.6	-	-	103.9	27.72	17.16	34.18	116	347	P	H
	*	2437	106.87	-	-	96.17	27.72	17.16	34.18	116	347	A	H
		2483.76	55.03	-18.97	74	44.1	27.87	17.23	34.17	116	347	P	H
		2484.16	43.3	-10.7	54	32.37	27.87	17.23	34.17	116	347	A	H
		2333.68	53.39	-20.61	74	43.25	27.33	17.03	34.22	110	163	P	V
		2389.68	42.15	-11.85	54	31.79	27.46	17.1	34.2	110	163	A	V
	*	2437	113.44	-	-	102.74	27.72	17.16	34.18	110	163	P	V
	*	2437	105.54	-	-	94.84	27.72	17.16	34.18	110	163	A	V
		2486.72	53.9	-20.1	74	42.96	27.87	17.24	34.17	110	163	P	V
		2483.6	42.88	-11.12	54	31.95	27.87	17.23	34.17	110	163	A	V



802.11g CH 11 2462MHz	*	2462	110.84	-	-	99.99	27.82	17.2	34.17	113	152	P	H
	*	2462	103.14	-	-	92.29	27.82	17.2	34.17	113	152	A	H
		2483.68	65.44	-8.56	74	54.51	27.87	17.23	34.17	113	152	P	H
		2483.6	52.44	-1.56	54	41.51	27.87	17.23	34.17	113	152	A	H
													H
													H
	*	2462	111.25	-	-	100.4	27.82	17.2	34.17	100	170	P	V
	*	2462	103.73	-	-	92.88	27.82	17.2	34.17	100	170	A	V
		2486.36	61.68	-12.32	74	50.74	27.87	17.24	34.17	100	170	P	V
		2483.52	48.56	-5.44	54	37.63	27.87	17.23	34.17	100	170	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11g (Harmonic @ 3m)

[illegible]



WiFi	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11g CH 06 2437MHz		4874	43.79	-30.21	74	57.17	32.75	11.86	57.99	-	-	P	H
		7311	57.2	-16.8	74	64.61	36.86	14.46	58.73	100	253	P	H
		7311	45.44	-8.56	54	52.85	36.86	14.46	58.73	100	253	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		4874	43.35	-30.65	74	56.73	32.75	11.86	57.99	-	-	P	V
		7311	61.88	-12.12	74	69.29	36.86	14.46	58.73	100	129	P	V
		7311	49.64	-4.36	54	57.05	36.86	14.46	58.73	100	129	A	V
													V
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2.4GHz 2400~2483.5MHz

WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 Full CH 01 2412MHz		2389.8	66.42	-7.58	74	56.06	27.46	17.1	34.2	150	341	P	H
		2389.485	49.65	-4.35	54	39.29	27.46	17.1	34.2	150	341	A	H
	*	2412	113.55	-	-	103.04	27.57	17.13	34.19	150	341	P	H
	*	2412	103.62	-	-	93.11	27.57	17.13	34.19	150	341	A	H
													H
													H
		2389.695	68.89	-5.11	74	58.53	27.46	17.1	34.2	150	356	P	V
		2390	51.41	-2.59	54	41.05	27.46	17.1	34.2	150	356	A	V
	*	2412	112.04	-	-	101.53	27.57	17.13	34.19	150	356	P	V
	*	2412	103.35	-	-	92.84	27.57	17.13	34.19	150	356	A	V
													V
													V
802.11ax HE20 Full CH 06 2437MHz		2388.24	53.36	-20.64	74	43.01	27.45	17.1	34.2	117	347	P	H
		2390	42.69	-11.31	54	32.33	27.46	17.1	34.2	117	347	A	H
	*	2437	115.44	-	-	104.74	27.72	17.16	34.18	117	347	P	H
	*	2437	106.24	-	-	95.54	27.72	17.16	34.18	117	347	A	H
		2483.52	55.24	-18.76	74	44.31	27.87	17.23	34.17	117	347	P	H
		2483.52	43.59	-10.41	54	32.66	27.87	17.23	34.17	117	347	A	H
		2353.52	52.39	-21.61	74	42.25	27.31	17.05	34.22	110	6	P	V
		2390	42.27	-11.73	54	31.91	27.46	17.1	34.2	110	6	A	V
	*	2437	114.23	-	-	103.53	27.72	17.16	34.18	110	6	P	V
	*	2437	105.49	-	-	94.79	27.72	17.16	34.18	110	6	A	V
		2483.84	54.83	-19.17	74	43.9	27.87	17.23	34.17	110	6	P	V
		2483.6	43.41	-10.59	54	32.48	27.87	17.23	34.17	110	6	A	V



WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 Full CH 11 2462MHz	*	2462	110.02	-	-	99.17	27.82	17.2	34.17	100	239	P	H
	*	2462	101.13	-	-	90.28	27.82	17.2	34.17	100	239	A	H
		2483.88	66.29	-7.71	74	55.36	27.87	17.23	34.17	100	239	P	H
		2483.52	52.08	-1.92	54	41.15	27.87	17.23	34.17	100	239	A	H
													H
													H
	*	2462	108.55	-	-	97.7	27.82	17.2	34.17	131	275	P	V
	*	2462	99.84	-	-	88.99	27.82	17.2	34.17	131	275	A	V
		2483.8	67.08	-6.92	74	56.15	27.87	17.23	34.17	131	275	P	V
		2483.52	52.58	-1.42	54	41.65	27.87	17.23	34.17	131	275	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz

WIFI 802.11 ax HE20 Full (Harmonic @ 3m)

[illegible]

[illegible]

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 Full CH 11 2462MHz		4924	42.17	-31.83	74	55.37	32.9	11.93	58.03	-	-	P	H
		7386	43.14	-30.86	74	50.95	36.56	14.35	58.72	-	-	P	H
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2.4GHz 2400~2483.5MHz

WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 Partial 106/53 CH 01 2412MHz		2390	72.44	-1.56	74	62.08	27.46	17.1	34.2	100	348	P	H
		2389.8	49.97	-4.03	54	39.61	27.46	17.1	34.2	100	348	A	H
	*	2412	112.58	-	-	102.07	27.57	17.13	34.19	100	348	P	H
	*	2412	104.68	-	-	94.17	27.57	17.13	34.19	100	348	A	H
													H
													H
		2389.8	71.48	-2.52	74	61.12	27.46	17.1	34.2	111	360	P	V
		2389.905	49.54	-4.46	54	39.18	27.46	17.1	34.2	111	360	A	V
	*	2412	112.56	-	-	102.05	27.57	17.13	34.19	111	360	P	V
	*	2412	104.23	-	-	93.72	27.57	17.13	34.19	111	360	A	V
													V
													V
802.11ax HE20 Partial 106/54 CH 11 2462MHz	*	2462	113.85	-	-	103	27.82	17.2	34.17	100	245	P	H
	*	2462	105.73	-	-	94.88	27.82	17.2	34.17	100	245	A	H
		2483.72	70.48	-3.52	74	59.55	27.87	17.23	34.17	100	245	P	H
		2484.04	48.12	-5.88	54	37.19	27.87	17.23	34.17	100	245	A	H
													H
													H
	*	2462	111.91	-	-	101.06	27.82	17.2	34.17	150	283	P	V
	*	2462	103.63	-	-	92.78	27.82	17.2	34.17	150	283	A	V
		2483.76	70.62	-3.38	74	59.69	27.87	17.23	34.17	150	283	P	V
		2484.04	48.12	-5.88	54	37.19	27.87	17.23	34.17	150	283	A	V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE40 Full CH 03 2422MHz		2389.84	69.43	-4.57	74	59.07	27.46	17.1	34.2	100	350	P	H
		2389.84	52.69	-1.31	54	42.33	27.46	17.1	34.2	100	350	A	H
	*	2422	109.3	-	-	98.72	27.63	17.14	34.19	100	350	P	H
	*	2422	100.26	-	-	89.68	27.63	17.14	34.19	100	350	A	H
		2485.52	54.35	-19.65	74	43.42	27.87	17.23	34.17	100	350	P	H
		2485.6	43.71	-10.29	54	32.78	27.87	17.23	34.17	100	350	A	H
		2389.84	68.14	-5.86	74	57.78	27.46	17.1	34.2	109	360	P	V
		2389.2	50.17	-3.83	54	39.81	27.46	17.1	34.2	109	360	A	V
	*	2422	109.87	-	-	99.29	27.63	17.14	34.19	109	360	P	V
	*	2422	100.27	-	-	89.69	27.63	17.14	34.19	109	360	A	V
		2486.88	54.51	-19.49	74	43.56	27.87	17.24	34.16	109	360	P	V
		2485.6	43.4	-10.6	54	32.47	27.87	17.23	34.17	109	360	A	V
802.11ax HE40 Full CH 06 2437MHz		2390	63.62	-10.38	74	53.26	27.46	17.1	34.2	150	351	P	H
		2390	47.6	-6.4	54	37.24	27.46	17.1	34.2	150	351	A	H
	*	2437	111.64	-	-	100.94	27.72	17.16	34.18	150	351	P	H
	*	2437	102.26	-	-	91.56	27.72	17.16	34.18	150	351	A	H
		2485.28	65.71	-8.29	74	54.78	27.87	17.23	34.17	150	351	P	H
		2483.52	51.41	-2.59	54	40.48	27.87	17.23	34.17	150	351	A	H
		2389.36	63.88	-10.12	74	53.52	27.46	17.1	34.2	112	360	P	V
		2390	47.23	-6.77	54	36.87	27.46	17.1	34.2	112	360	A	V
	*	2437	112.04	-	-	101.34	27.72	17.16	34.18	112	360	P	V
	*	2437	101.97	-	-	91.27	27.72	17.16	34.18	112	360	A	V
		2485.44	65.2	-8.8	74	54.27	27.87	17.23	34.17	112	360	P	V
		2483.52	50.6	-3.4	54	39.67	27.87	17.23	34.17	112	360	A	V



WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE40 Full CH 09 2452MHz		2388.88	59.53	-14.47	74	49.17	27.46	17.1	34.2	150	349	P	H
		2390	44.32	-9.68	54	33.96	27.46	17.1	34.2	150	349	A	H
	*	2452	110.14	-	-	99.33	27.8	17.19	34.18	150	349	P	H
	*	2452	100.41	-	-	89.6	27.8	17.19	34.18	150	349	A	H
		2484.48	70.2	-3.8	74	59.27	27.87	17.23	34.17	150	349	P	H
		2486.88	49.16	-4.84	54	38.21	27.87	17.24	34.16	150	349	A	H
		2384.88	53.17	-20.83	74	42.84	27.44	17.09	34.2	100	159	P	V
		2390	42.65	-11.35	54	32.29	27.46	17.1	34.2	100	159	A	V
	*	2452	110	-	-	99.19	27.8	17.19	34.18	100	159	P	V
	*	2452	100.62	-	-	89.81	27.8	17.19	34.18	100	159	A	V
		2486.8	68.53	-5.47	74	57.59	27.87	17.24	34.17	100	159	P	V
		2483.52	52.39	-1.61	54	41.46	27.87	17.23	34.17	100	159	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz

WIFI 802.11 ax HE40 Full (Harmonic @ 3m)

[illegible]

[illegible]

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE40 Full CH 09 2452MHz		4904	42.01	-31.99	74	55.3	32.82	11.91	58.02	-	-	P	H
		7356	44.88	-29.12	74	52.53	36.68	14.39	58.72	-	-	P	H
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2.4GHz 2400~2483.5MHz

WIFI 802.11ax HE40 Partial 242 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE40 Partial 242/61 CH 03 2422MHz		2386	72.27	-1.73	74	61.94	27.44	17.09	34.2	150	347	P	H
		2386.48	49.21	-4.79	54	38.87	27.45	17.09	34.2	150	347	A	H
	*	2422	112.43	-	-	101.85	27.63	17.14	34.19	150	347	P	H
	*	2422	102.34	-	-	91.76	27.63	17.14	34.19	150	347	A	H
		2484.48	56.65	-17.35	74	45.72	27.87	17.23	34.17	150	347	P	H
		2483.68	43.46	-10.54	54	32.53	27.87	17.23	34.17	150	347	A	H
		2385.52	71.34	-2.66	74	61.01	27.44	17.09	34.2	100	357	P	V
		2385.84	48.89	-5.11	54	38.56	27.44	17.09	34.2	100	357	A	V
	*	2422	111.53	-	-	100.95	27.63	17.14	34.19	100	357	P	V
	*	2422	102.35	-	-	91.77	27.63	17.14	34.19	100	357	A	V
		2484.24	57.62	-16.38	74	46.69	27.87	17.23	34.17	100	357	P	V
		2483.84	43.86	-10.14	54	32.93	27.87	17.23	34.17	100	357	A	V
802.11ax HE40 Partial 242/62 CH 09 2452MHz		2389.84	56.7	-17.3	74	46.34	27.46	17.1	34.2	100	351	P	H
		2386.32	42.2	-11.8	54	31.86	27.45	17.09	34.2	100	351	A	H
	*	2452	110.41	-	-	99.6	27.8	17.19	34.18	100	351	P	H
	*	2452	100.63	-	-	89.82	27.8	17.19	34.18	100	351	A	H
		2484.88	71.58	-2.42	74	60.65	27.87	17.23	34.17	100	351	P	H
		2483.52	48.15	-5.85	54	37.22	27.87	17.23	34.17	100	351	A	H
		2389.84	56.64	-17.36	74	46.28	27.46	17.1	34.2	103	360	P	V
		2390	42.37	-11.63	54	32.01	27.46	17.1	34.2	103	360	A	V
	*	2452	111.4	-	-	100.59	27.8	17.19	34.18	103	360	P	V
	*	2452	101.93	-	-	91.12	27.8	17.19	34.18	103	360	A	V
		2484.48	70.94	-3.06	74	60.01	27.87	17.23	34.17	103	360	P	V
		2485.2	47.94	-6.06	54	37.01	27.87	17.23	34.17	103	360	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission below 1GHz

2.4GHz WIFI 802.11ax HE40 (LF)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
2.4GHz 802.11ax HE40 LF		30	32.08	-7.92	40	39.47	23.92	0.84	32.15	-	-	P	H
		126.39	35.88	-7.62	43.5	48.78	17.45	1.81	32.16	-	-	P	H
		161.76	29.34	-14.16	43.5	43.38	16.02	2.03	32.09	-	-	P	H
		565.3	27.5	-18.5	46	30.15	25.71	3.64	32	-	-	P	H
		769.7	31.06	-14.94	46	30.91	27.75	4.25	31.85	-	-	P	H
		955.2	33.65	-12.35	46	29.3	30.42	4.68	30.75	-	-	P	H
													H
													H
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													H
													H
													H
													H
		30	36.71	-3.29	40	44.1	23.92	0.84	32.15	100	355	QP	V
		64.29	29.24	-10.76	40	48.67	11.55	1.26	32.24	-	-	P	V
		124.77	33.61	-9.89	43.5	46.53	17.43	1.81	32.16	-	-	P	V
		589.8	27.35	-18.65	46	30.48	25.28	3.7	32.11	-	-	P	V
		720	34.79	-11.21	46	36.07	26.64	4.09	32.01	-	-	P	V
		959.4	34.2	-11.8	46	29.55	30.66	4.69	30.7	-	-	P	V
													V
													V
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													V
Remark	1. No other spurious found.												
	2. All results are PASS against limit line.												
	3. The emission position marked as “-” means no suspected emission found and emission level has at least 6dB margin against limit or emission is noise floor only.												



Note symbol

*	Fundamental Frequency which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency.
!	Test result is Margin line.
P/A	Peak or Average
H/V	H orizontal or V ertical



A calculation example for radiated spurious emission is shown as below:

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
7+8		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
CH 01													
2412MHz		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

1. Path Loss(dB) = Cable loss(dB) + Filter loss(dB) + Attenuator loss(dB)
2. Level(dBμV/m) =
Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
3. Margin(dB) = Level(dBμV/m) – LimitLine(dBμV/m)

For Peak Limit @ 2390MHz:

1. Level(dBμV/m)
= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
= 32.22(dB/m) + 4.58(dB) + 54.51(dBμV) – 35.86 (dB)
= 55.45 (dBμV/m)
2. Margin(dB)
= Level(dBμV/m) – LimitLine(dBμV/m)
= 55.45(dBμV/m) – 74(dBμV/m)
= -18.55(dB)

For Average Limit @ 2390MHz:

1. Level(dBμV/m)
= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
= 32.22(dB/m) + 4.58(dB) + 42.6(dBμV) – 35.86 (dB)
= 43.54 (dBμV/m)
2. Margin(dB)
= Level(dBμV/m) – LimitLine(dBμV/m)
= 43.54(dBμV/m) – 54(dBμV/m)
= -10.46(dB)

Both peak and average measured complies with the limit line, so test result is “PASS”.



Appendix D. Radiated Spurious Emission Plots

Test Engineer :	Yuan Lee and Troye Hsieh	Temperature :	20.1~22.3°C
		Relative Humidity :	54.1~66.7%

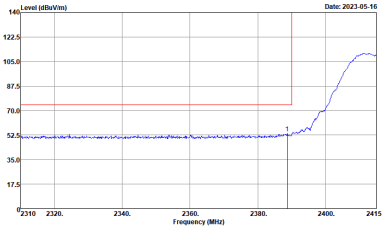
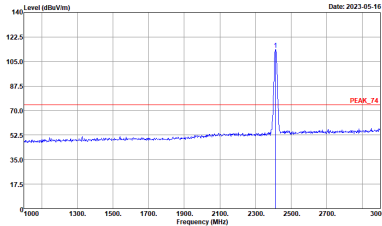
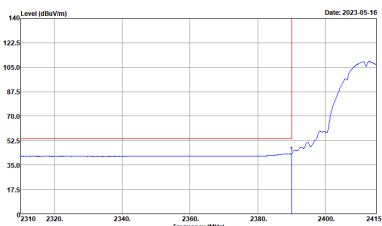
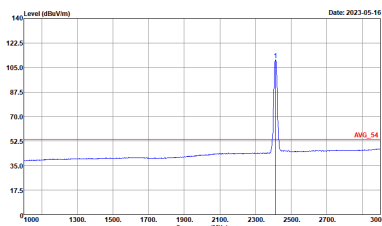
Note symbol

-L	Low channel location
-R	High channel location

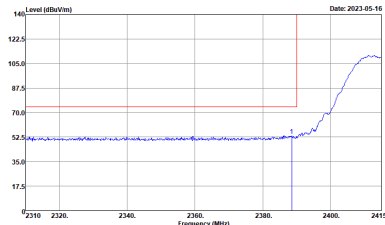
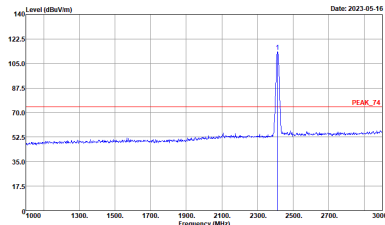
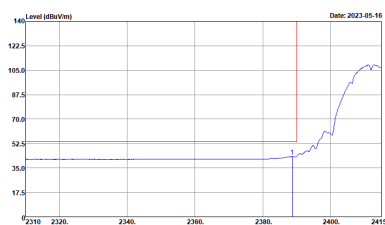
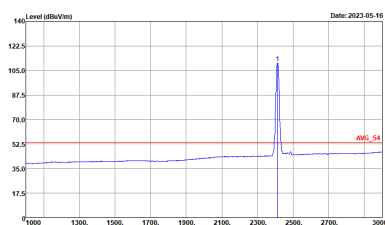


2.4GHz 2400~2483.5MHz

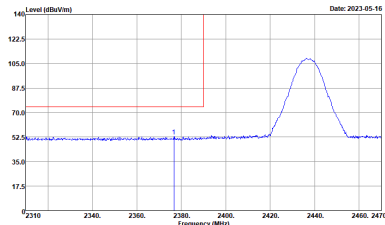
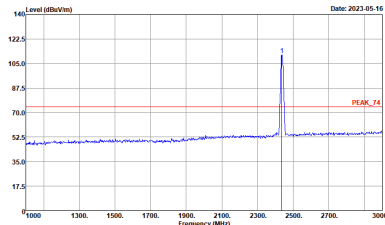
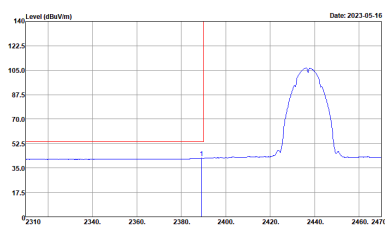
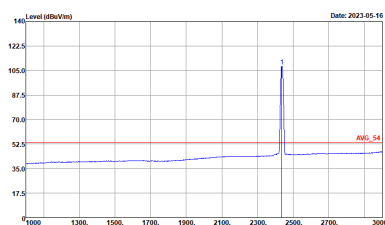
WIFI 802.11b (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
7+8	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_01620_220824 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH11-HY Condition : PEAK_74 3m 91200_01620_220824 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_01620_220824 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH11-HY Condition : AVG_54 3m 91200_01620_220824 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

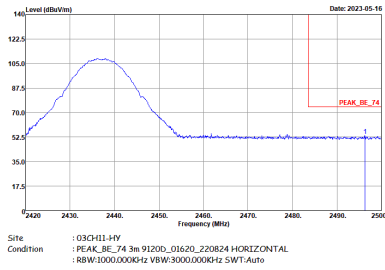
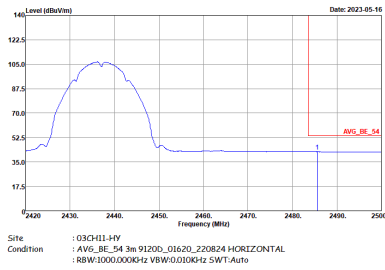


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
7+8	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_01620_220824 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH11-HY Condition : PEAK_74 3m 91200_01620_220824 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_01620_220824 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH11-HY Condition : AVG_54 3m 91200_01620_220824 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

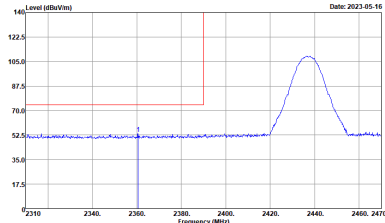
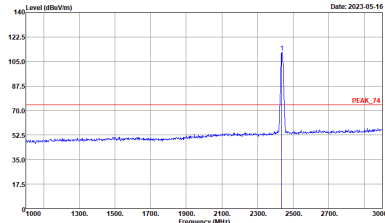
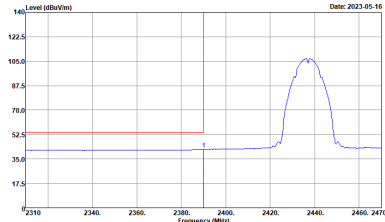
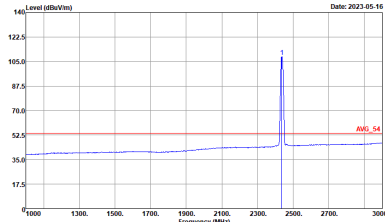


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
7+8	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_01620_220824 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH11-HY Condition : PEAK_74 3m 91200_01620_220824 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
	 Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_01620_220824 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto	 Site : 03CH11-HY Condition : AVG_54 3m 91200_01620_220824 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto

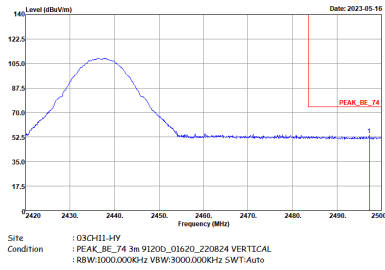
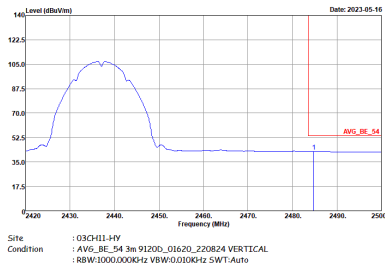


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
7+8	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
7+8	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_01620_220824 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH11-HY Condition : PEAK_74 3m 91200_01620_220824 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_01620_220824 VERTICAL RBW:1000.000kHz VBW:0.010kHz SWT:Auto	 Site : 03CH11-HY Condition : AVG_54 3m 91200_01620_220824 VERTICAL RBW:1000.000kHz VBW:0.010kHz SWT:Auto



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
7+8	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank



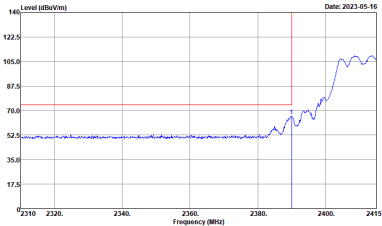
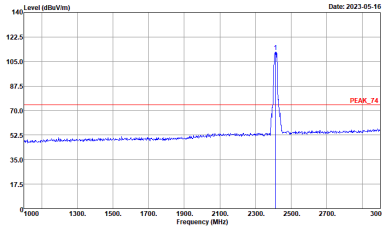
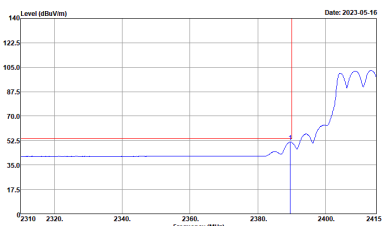
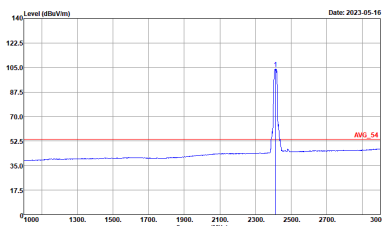
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
7+8	Horizontal	Fundamental
Peak	Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_01620_220824 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH11-HY Condition : PEAK_74 3m 91200_01620_220824 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	Site : 03CH11-HY Condition : AV6_BE_54 3m 91200_01620_220824 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Site : 03CH11-HY Condition : AV6_54 3m 91200_01620_220824 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
7+8	Vertical	Fundamental
Peak	Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_01620_220824 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH11-HY Condition : PEAK_74 3m 91200_01620_220824 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_01620_220824 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Site : 03CH11-HY Condition : AVG_54 3m 91200_01620_220824 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto



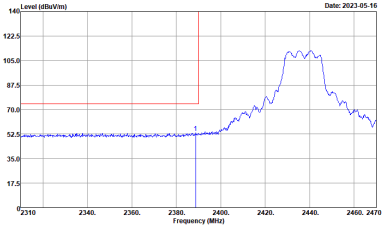
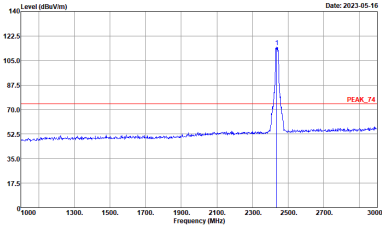
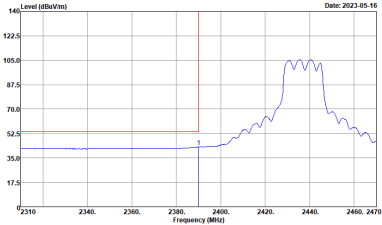
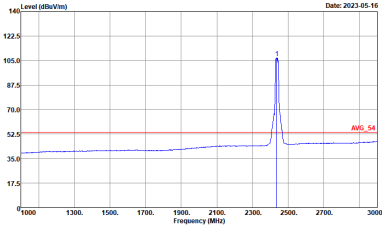
2.4GHz 2400~2483.5MHz
WIFI 802.11g (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
7+8	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_01620_220824 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH11-HY Condition : PEAK_74 3m 91200_01620_220824 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_01620_220824 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto	 Site : 03CH11-HY Condition : AVG_54 3m 91200_01620_220824 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto

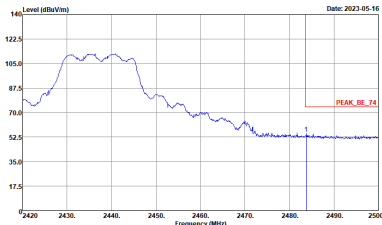
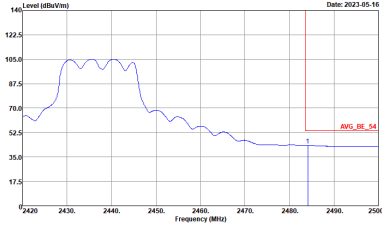


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
7+8	Vertical	Fundamental
Peak	Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_01620_220824 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH11-HY Condition : PEAK_74 3m 91200_01620_220824 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_01620_220824 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Site : 03CH11-HY Condition : AVG_54 3m 91200_01620_220824 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

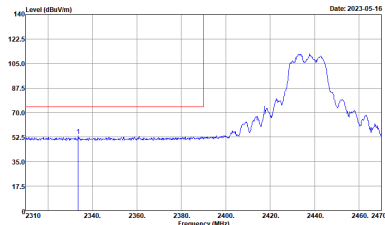
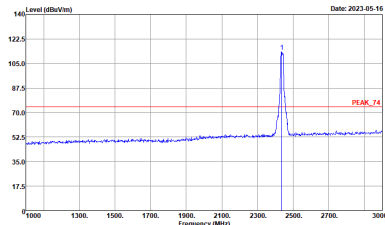
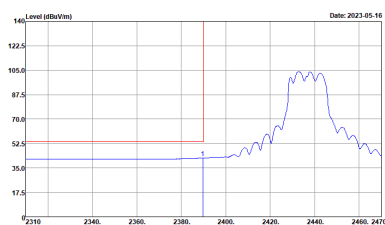
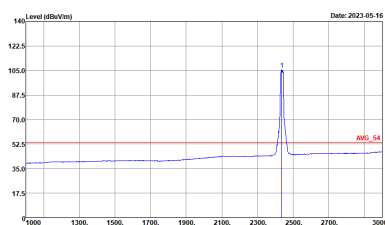


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - L	
7+8	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_01620_220824 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH11-HY Condition : PEAK_74 3m 91200_01620_220824 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_01620_220824 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH11-HY Condition : AVG_54 3m 91200_01620_220824 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto

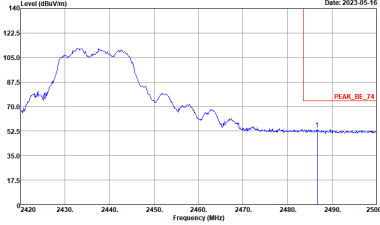
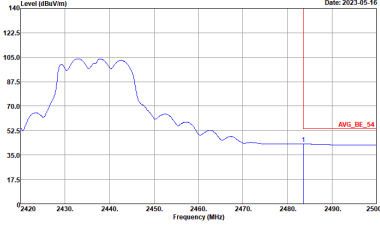


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
7+8	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_01620_220824 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_01620_220824 HORIZONTAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - L	
7+8	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_01620_220824 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH11-HY Condition : PEAK_74 3m 91200_01620_220824 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
	 Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_01620_220824 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto	 Site : 03CH11-HY Condition : AVG_54 3m 91200_01620_220824 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto

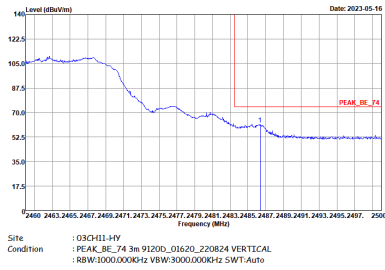
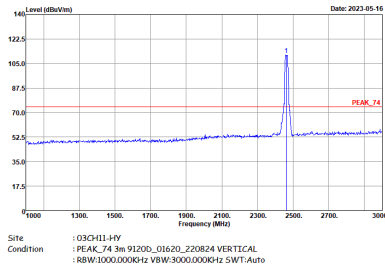
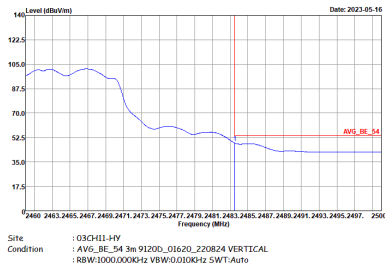
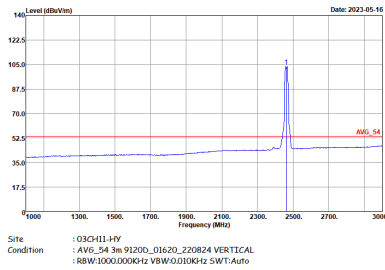


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
7+8	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_01620_220824 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left Blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_01620_220824 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left Blank



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH11 2462MHz	
7+8	Horizontal	Fundamental
Peak	Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_01620_220824 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH11-HY Condition : PEAK_74 3m 91200_01620_220824 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	Site : 03CH11-HY Condition : AV6_BE_54 3m 91200_01620_220824 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Site : 03CH11-HY Condition : AV6_54 3m 91200_01620_220824 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH11 2462MHz	
7+8	Vertical	Fundamental
Peak	 Site: 03CH11-HY Condition: PEAK_BE_74 3m 91200_01620_220824 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site: 03CH11-HY Condition: PEAK_74 3m 91200_01620_220824 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
	 Site: 03CH11-HY Condition: AVG_BE_54 3m 91200_01620_220824 VERTICAL RBW:1000.000kHz VBW:0.010kHz SWT:Auto	 Site: 03CH11-HY Condition: AVG_54 3m 91200_01620_220824 VERTICAL RBW:1000.000kHz VBW:0.010kHz SWT:Auto
Avg.		



2.4GHz 2400~2483.5MHz

WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 2412MHz	
7+8	Horizontal	Fundamental
Peak	Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_01620_220824 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH11-HY Condition : PEAK_74 3m 91200_01620_220824 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_01620_220824 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Site : 03CH11-HY Condition : AVG_54 3m 91200_01620_220824 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

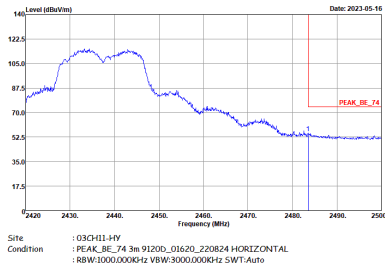
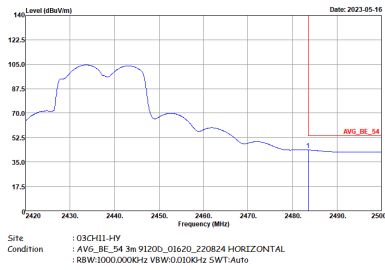


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH01 2412MHz	
7+8	Vertical	Fundamental
Peak	Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_01620_220824 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH11-HY Condition : PEAK_74 3m 91200_01620_220824 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_01620_220824 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Site : 03CH11-HY Condition : AVG_54 3m 91200_01620_220824 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto

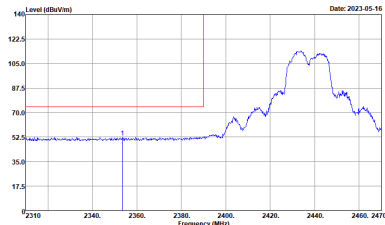
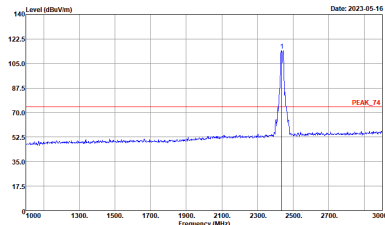
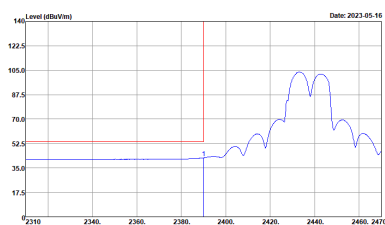
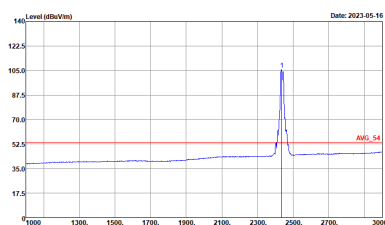


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH06 2437MHz - L	
7+8	Horizontal	Fundamental
Peak	Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_01620_220824 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Site : 03CH11-HY Condition : PEAK_74 3m 91200_01620_220824 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
	Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_01620_220824 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto	Site : 03CH11-HY Condition : AVG_54 3m 91200_01620_220824 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH06 2437MHz - R	
7+8	Horizontal	Fundamental
Peak	 Site: 03CH11-HY Condition: : PEAK_BE_74 3m 91200_01620_220824 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Date: 2023-05-16	Left blank
Avg.	 Site: 03CH11-HY Condition: : AVG_BE_54 3m 91200_01620_220824 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Date: 2023-05-16	Left blank

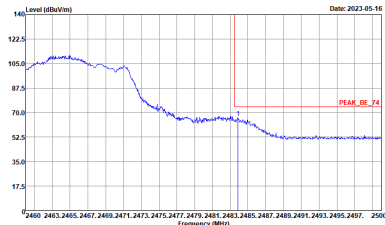
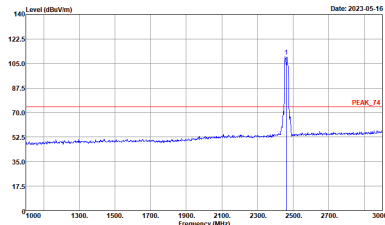
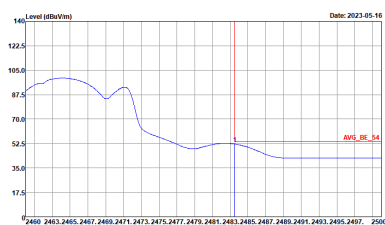
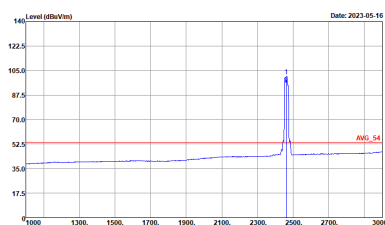


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH06 2437MHz - L	
7+8	Vertical	Fundamental
Peak	 Site Condition : 03CH11-HY : PEAK_BE_74 3m 91200_01620_220824 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site Condition : 03CH11-HY : PEAK_74 3m 91200_01620_220824 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
	 Site Condition : 03CH11-HY : AVG_BE_54 3m 91200_01620_220824 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto	 Site Condition : 03CH11-HY : AVG_54 3m 91200_01620_220824 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto

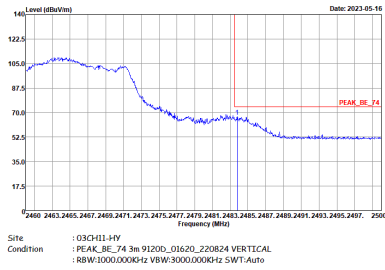
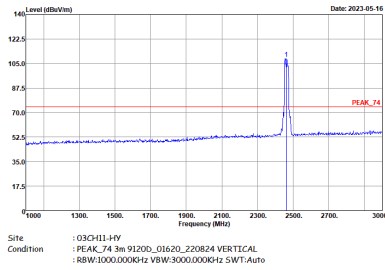
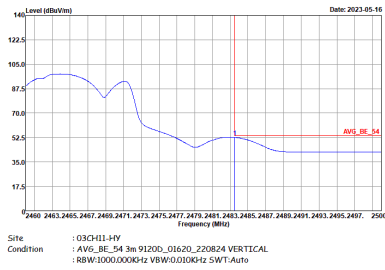
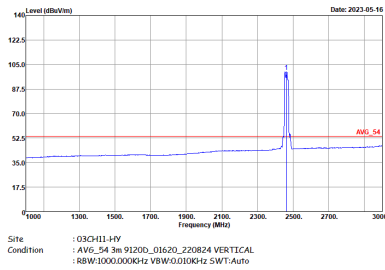


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH06 2437MHz - R	
7+8	Vertical	Fundamental
Peak	Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_01620_220824 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_01620_220824 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH11 2462MHz	
7+8	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_01620_220824 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH11-HY Condition : PEAK_74 3m 91200_01620_220824 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH11-HY Condition : AV6_BE_54 3m 91200_01620_220824 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH11-HY Condition : AV6_54 3m 91200_01620_220824 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto
Avg.		

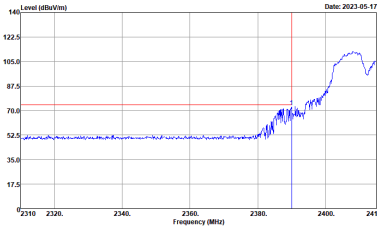
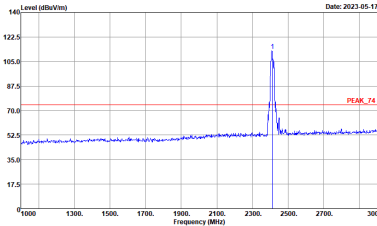
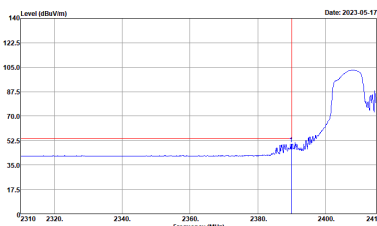
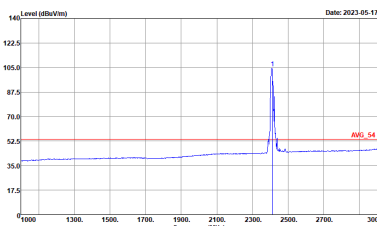


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH11 2462MHz	
7+8	Vertical	Fundamental
Peak	 Site: 03CH11-HY Condition: PEAK_BE_74 3m 91200_01620_220824 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site: 03CH11-HY Condition: PEAK_74 3m 91200_01620_220824 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site: 03CH11-HY Condition: AV6_BE_54 3m 91200_01620_220824 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site: 03CH11-HY Condition: AV6_54 3m 91200_01620_220824 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto



2.4GHz 2400~2483.5MHz

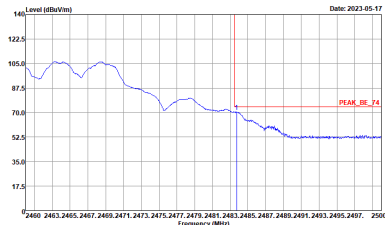
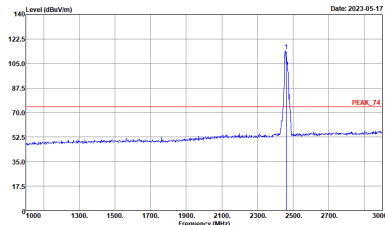
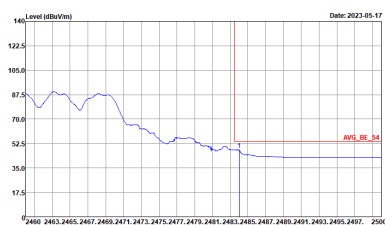
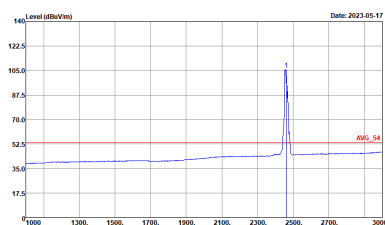
WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/53 CH01 2412MHz	
7+8	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_01620_220824 HORIZONTAL : RBW:1000.0000Hz VBW:3000.0000Hz SWT:Auto	 Site : 03CH11-HY Condition : PEAK_F4 3m 91200_01620_220824 HORIZONTAL : RBW:1000.0000Hz VBW:3000.0000Hz SWT:Auto
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_01620_220824 HORIZONTAL : RBW:1000.0000Hz VBW:3000.0000Hz SWT:Auto	 Site : 03CH11-HY Condition : AVG_F4 3m 91200_01620_220824 HORIZONTAL : RBW:1000.0000Hz VBW:3000.0000Hz SWT:Auto

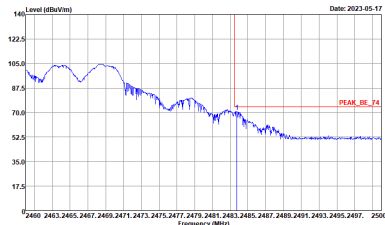
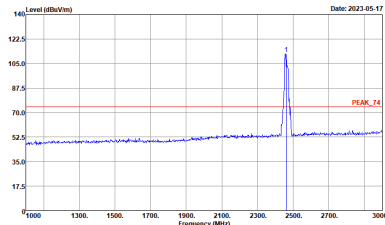
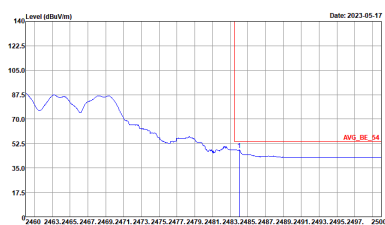
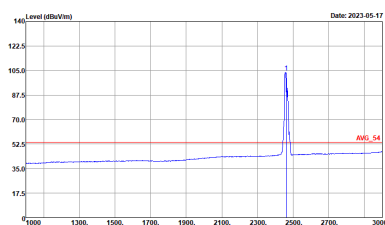


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/53 CH01 2412MHz	
7+8	Vertical	Fundamental
Peak	Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_01620_220824 VERTICAL : RBW:1000.0000Hz VBW:3000.0000Hz SWT:Auto	Site : 03CH11-HY Condition : PEAK_74 3m 91200_01620_220824 VERTICAL : RBW:1000.0000Hz VBW:3000.0000Hz SWT:Auto
	Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_01620_220824 VERTICAL : RBW:1000.0000Hz VBW:0.3000Hz SWT:Auto	Site : 03CH11-HY Condition : AVG_54 3m 91200_01620_220824 VERTICAL : RBW:1000.0000Hz VBW:0.3000Hz SWT:Auto



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/54 CH11 2462MHz	
7+8	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_01620_220824 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH11-HY Condition : PEAK_74 3m 91200_01620_220824 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH11-HY Condition : AV6_BE_54 3m 91200_01620_220824 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto	 Site : 03CH11-HY Condition : AV6_54 3m 91200_01620_220824 HORIZONTAL : RBW:1000.000KHz VBW:0.300KHz SWT:Auto

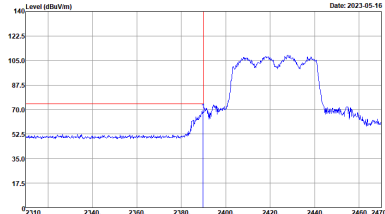
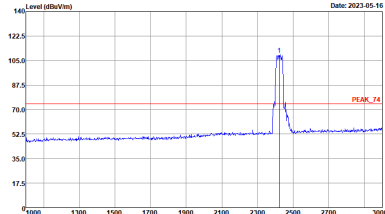
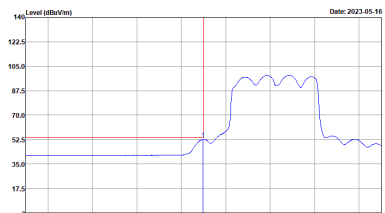
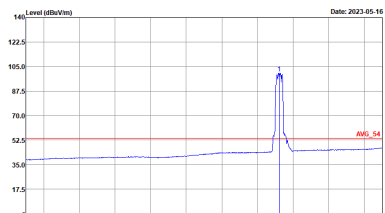


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/54 CH11 2462MHz	
7+8	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_01620_220824 VERTICAL : RBW:1000.0000Hz VBW:3000.0000Hz SWT:Auto	 Site : 03CH11-HY Condition : PEAK_74 3m 91200_01620_220824 VERTICAL : RBW:1000.0000Hz VBW:3000.0000Hz SWT:Auto
	 Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_01620_220824 VERTICAL : RBW:1000.0000Hz VBW:0.3000Hz SWT:Auto	 Site : 03CH11-HY Condition : AVG_54 3m 91200_01620_220824 VERTICAL : RBW:1000.0000Hz VBW:0.3000Hz SWT:Auto

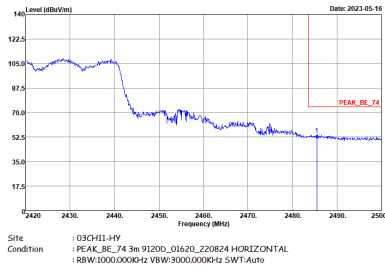
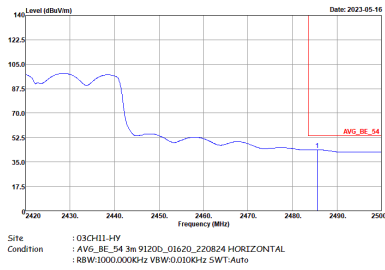


2.4GHz 2400~2483.5MHz

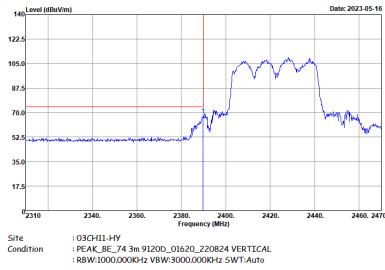
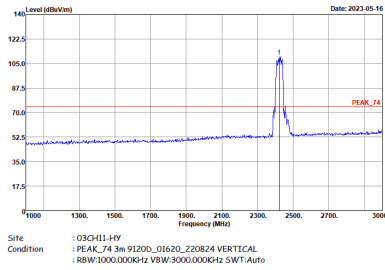
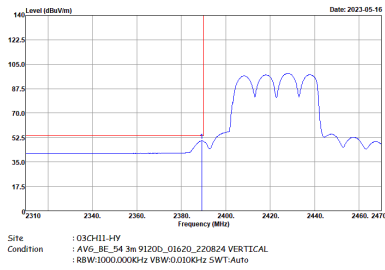
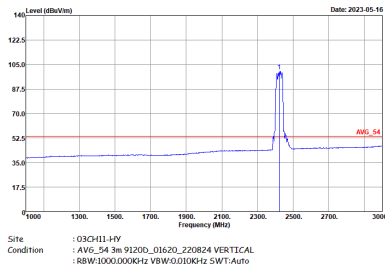
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 2422MHz - L	
7+8	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_01620_220824 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH11-HY Condition : PEAK_74 3m 91200_01620_220824 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_01620_220824 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH11-HY Condition : AVG_54 3m 91200_01620_220824 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

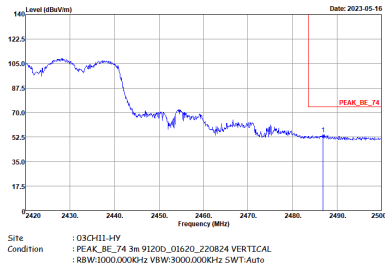
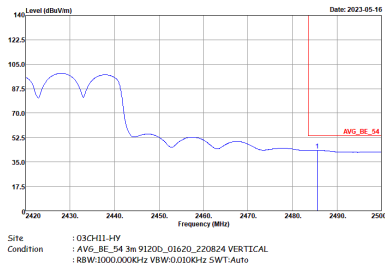


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 2422MHz - R	
7+8	Horizontal	Fundamental
Peak	 Site: 03CH11-HY Condition: : PEAK_BE_74 3m 91200_01620_220824 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site: 03CH11-HY Condition: : AVG_BE_54 3m 91200_01620_220824 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

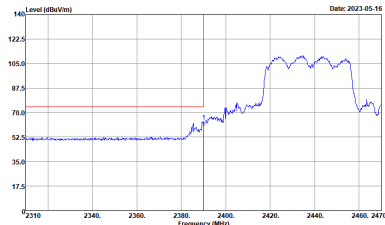
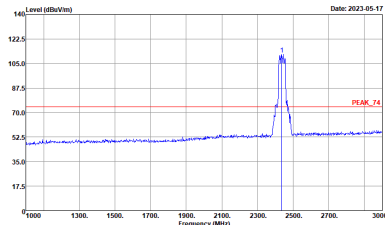
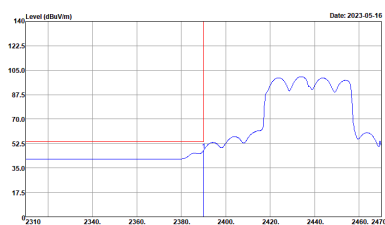
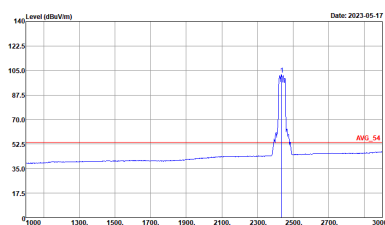


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 2422MHz - L	
7+8	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_01620_220824 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH11-HY Condition : PEAK_74 3m 91200_01620_220824 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
	 Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_01620_220824 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto	 Site : 03CH11-HY Condition : AVG_54 3m 91200_01620_220824 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto

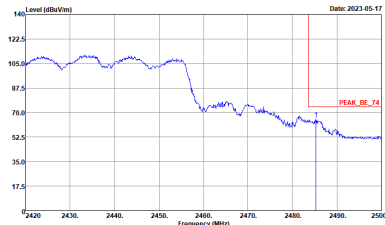
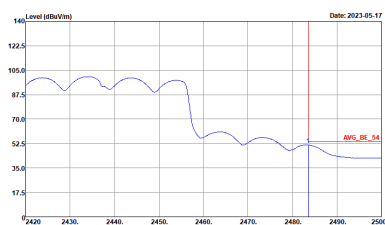


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH03 2422MHz - R	
7+8	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

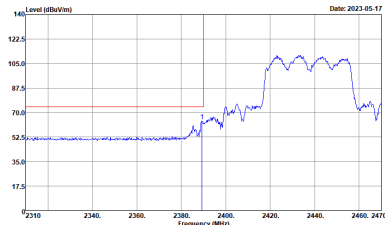
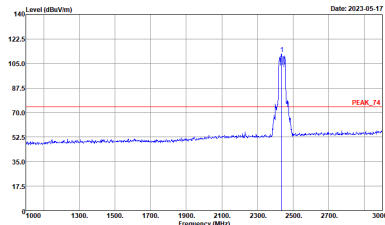
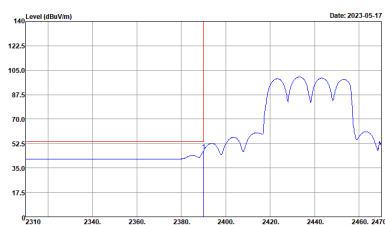
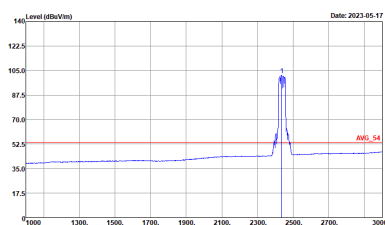


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH06 2437MHz - L	
7+8	Horizontal	Fundamental
Peak	 Site Condition : 03CH11-HY : PEAK_BE_74 3m 91200_01620_220824 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site Condition : 03CH11-HY : PEAK_74 3m 91200_01620_220824 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site Condition : 03CH11-HY : AVG_BE_54 3m 91200_01620_220824 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site Condition : 03CH11-HY : AVG_54 3m 91200_01620_220824 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto
Avg.		

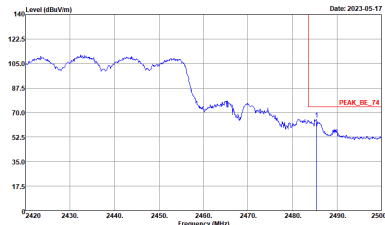
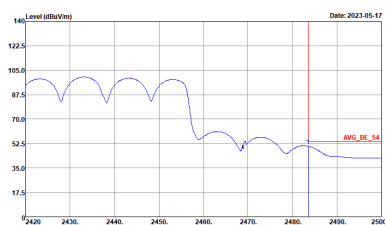


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH06 2437MHz - R	
7+8	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_01620_220824 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_01620_220824 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH06 2437MHz - L	
7+8	Vertical	Fundamental
Peak	 Site Condition : 03CH11-HY : PEAK_BE_74 3m 91200_01620_220824 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site Condition : 03CH11-HY : PEAK_74 3m 91200_01620_220824 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
	 Site Condition : 03CH11-HY : AVG_BE_54 3m 91200_01620_220824 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto	 Site Condition : 03CH11-HY : AVG_54 3m 91200_01620_220824 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto

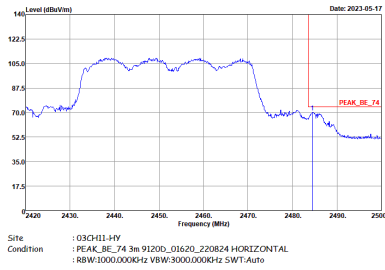
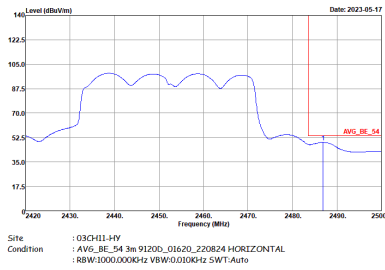


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH06 2437MHz - R	
7+8	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_01620_220824 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_01620_220824 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH09 2452MHz - L	
7+8	Horizontal	Fundamental
Peak	Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_01620_220824 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Site : 03CH11-HY Condition : PEAK_74 3m 91200_01620_220824 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
	Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_01620_220824 HORIZONTAL RBW:1000.000kHz VBW:0.010kHz SWT:Auto	Site : 03CH11-HY Condition : AVG_54 3m 91200_01620_220824 HORIZONTAL RBW:1000.000kHz VBW:0.010kHz SWT:Auto

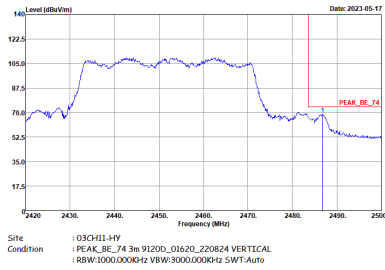
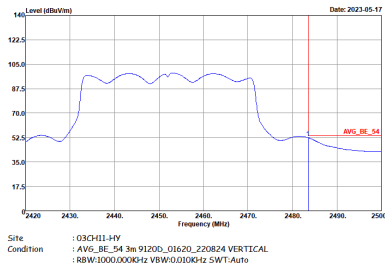


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH09 2452MHz - R	
7+8	Horizontal	Fundamental
Peak	 Site: 03CH11-HY Condition: : PEAK_BE_74 3m 91200_01620_220824 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Date: 2023-05-17	Left blank
Avg.	 Site: 03CH11-HY Condition: : AVG_BE_54 3m 91200_01620_220824 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Date: 2023-05-17	Left blank



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH09 2452MHz - L	
7+8	Vertical	Fundamental
Peak	Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_01620_220824 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH11-HY Condition : PEAK_74 3m 91200_01620_220824 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_01620_220824 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Site : 03CH11-HY Condition : AVG_54 3m 91200_01620_220824 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

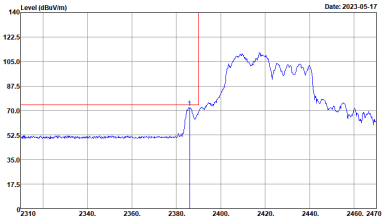
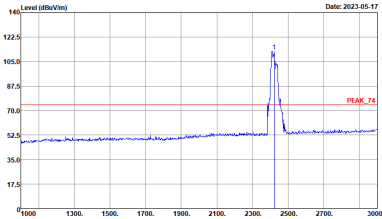
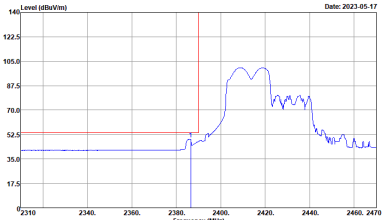
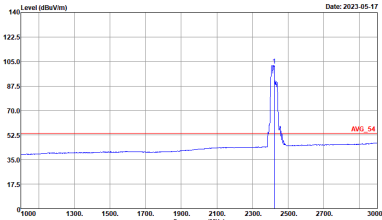


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH09 2452MHz - R	
7+8	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

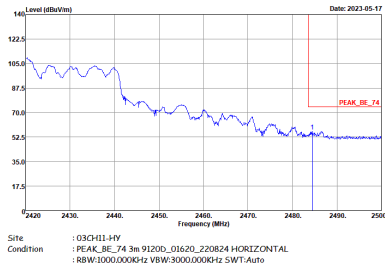
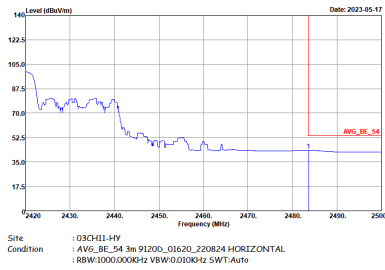


2.4GHz 2400~2483.5MHz

WIFI 802.11ax HE40 Partial 242 (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/61 CH03 2422MHz - L	
7+8	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_01620_220824 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH11-HY Condition : PEAK_74 3m 91200_01620_220824 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
	 Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_01620_220824 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto	 Site : 03CH11-HY Condition : AVG_54 3m 91200_01620_220824 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto

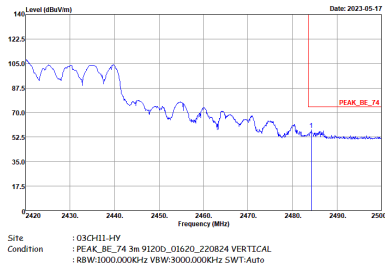
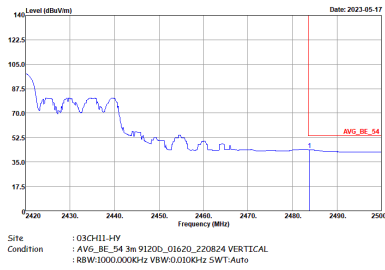


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/61 CH03 2422MHz - R	
7+8	Horizontal	Fundamental
Peak	 Site: 03CH11-HY Condition: : PEAK_BE_74 3m 91200_01620_220824 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site: 03CH11-HY Condition: : AVG_BE_54 3m 91200_01620_220824 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/61 CH03 2422MHz - L	
7+8	Vertical	Fundamental
Peak	Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_01620_220824 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH11-HY Condition : PEAK_74 3m 91200_01620_220824 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_01620_220824 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Site : 03CH11-HY Condition : AVG_54 3m 91200_01620_220824 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

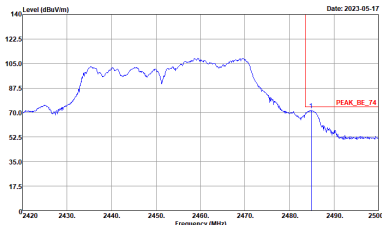
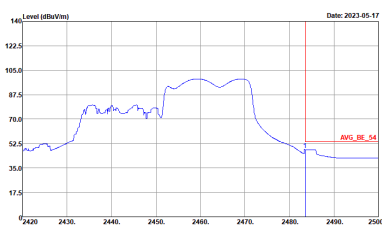


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/61 CH03 2422MHz - R	
7+8	Vertical	Fundamental
Peak	 Site: 03CH11-HY Condition: : PEAK_BE_74 3m 91200_01620_220824 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site: 03CH11-HY Condition: : AVG_BE_54 3m 91200_01620_220824 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/62 CH09 2452MHz - L	
7+8	Horizontal	Fundamental
Peak	Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_01620_220824 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH11-HY Condition : PEAK_74 3m 91200_01620_220824 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_01620_220824 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Site : 03CH11-HY Condition : AVG_54 3m 91200_01620_220824 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

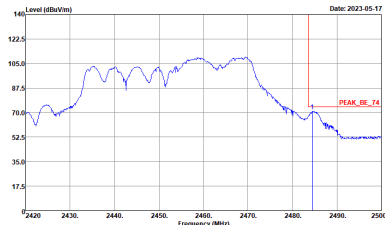
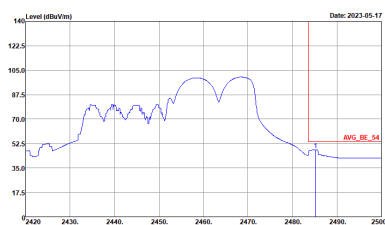


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/62 CH09 2452MHz - R	
7+8	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_01620_220824 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_01620_220824 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank



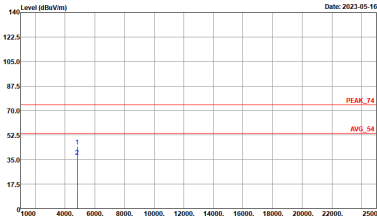
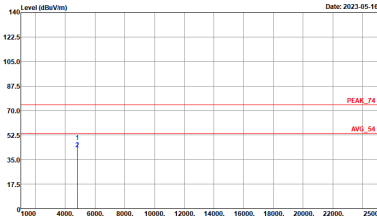
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/62 CH09 2452MHz - L	
7+8	Vertical	Fundamental
Peak	Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_01620_220824 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Site : 03CH11-HY Condition : PEAK_74 3m 91200_01620_220824 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
	Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_01620_220824 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto	Site : 03CH11-HY Condition : AVG_54 3m 91200_01620_220824 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto



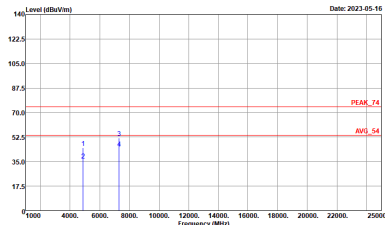
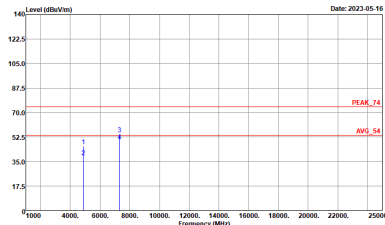
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Partial 242/62 CH09 2452MHz - R	
7+8	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m 91200_01620_220824 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m 91200_01620_220824 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank



2.4GHz 2400~2483.5MHz
WIFI 802.11b (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH01 2412MHz	
7+8	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-HY Condition : PEAK_74 3m 91200_01620_220824 HORIZONTAL ..	 Site : 03CH11-HY Condition : PEAK_74 3m 91200_01620_220824 VERTICAL ..



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH06 2437MHz	
7+8	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-HY Condition : PEAK_74 3m 91200_01620_220824 HORIZONTAL ..	 Site : 03CH11-HY Condition : PEAK_74 3m 91200_01620_220824 VERTICAL ..



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH11 2462MHz	
7+8	Horizontal	Vertical
Peak Avg.	Site : 03CH11-HY Condition : PEAK_74 3m 91200_01620_220824 HORIZONTAL ..	Site : 03CH11-HY Condition : PEAK_74 3m 91200_01620_220824 VERTICAL ..



2.4GHz 2400~2483.5MHz

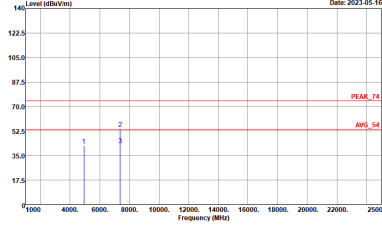
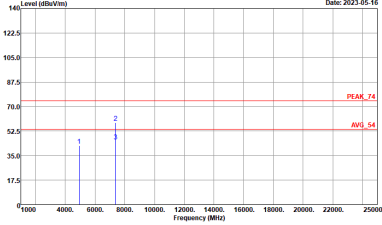
WIFI 802.11g (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH01 2412MHz	
7+8	Horizontal	Vertical
Peak Avg.	Site : 03CH11-HY Condition : PEAK_74 3m 91200_01620_220824 HORIZONTAL ..	Site : 03CH11-HY Condition : PEAK_74 3m 91200_01620_220824 VERTICAL ..



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH06 2437MHz	
7+8	Horizontal	Vertical
Peak Avg.		

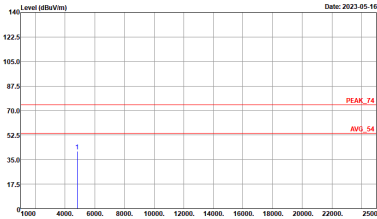
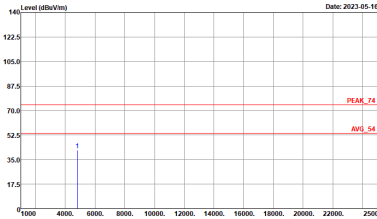


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH11 2462MHz	
7+8	Horizontal	Vertical
Peak Avg.	140 Level (dBm/Vm) Date: 2023-05-16  Site : 03CH11-HY Condition : PEAK_74 3m 91200_01620_220824 HORIZONTAL ..	140 Level (dBm/Vm) Date: 2023-05-16  Site : 03CH11-HY Condition : PEAK_74 3m 91200_01620_220824 VERTICAL ..



2.4GHz 2400~2483.5MHz

WIFI 802.11 ax HE20 Full (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE20 Full CH01 2412MHz	
7+8	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-HY Condition : PEAK_74 3m 91200_01620_220824 HORIZONTAL ..	 Site : 03CH11-HY Condition : PEAK_74 3m 91200_01620_220824 VERTICAL ..



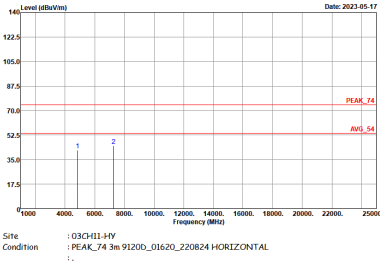
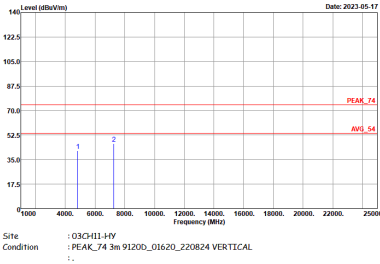
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE20 Full CH06 2437MHz	
7+8	Horizontal	Vertical
Peak Avg.	Site : 03CH11-HY Condition : PEAK_74 3m 91200_01620_220824 HORIZONTAL ..	Site : 03CH11-HY Condition : PEAK_74 3m 91200_01620_220824 VERTICAL ..



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE20 Full CH11 2462MHz	
7+8	Horizontal	Vertical
Peak Avg.	140 Level (dBm/100MHz) Date: 2023-05-17 Site : 03CH11-HY Condition : PEAK_74 3m 91200_01620_220824 HORIZONTAL ..	140 Level (dBm/100MHz) Date: 2023-05-17 Site : 03CH11-HY Condition : PEAK_74 3m 91200_01620_220824 VERTICAL ..



2.4GHz 2400~2483.5MHz
WIFI 802.11 ax HE40 Full (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE40 Full CH03 2422MHz	
7+8	Horizontal	Vertical
Peak Avg.		



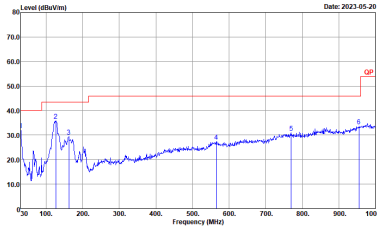
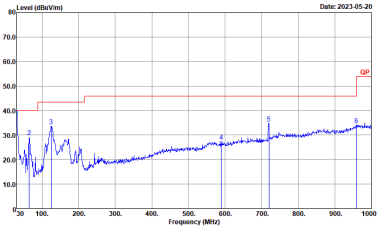
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE40 Full CH06 2437MHz	
7+8	Horizontal	Vertical
Peak Avg.	140 Level (dBm/100MHz) Date: 2023-05-16 Site : 03CH11-HY Condition : PEAK_74 3m 91200_01620_220824 HORIZONTAL ..	140 Level (dBm/100MHz) Date: 2023-05-16 Site : 03CH11-HY Condition : PEAK_74 3m 91200_01620_220824 VERTICAL ..



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE40 Full CH09 2452MHz	
7+8	Horizontal	Vertical
Peak Avg.	140 Level (dBm/100MHz) Date: 2023-05-17 Site : 03CH11-HY Condition : PEAK_74 3m 91200_01620_220824 HORIZONTAL ..	140 Level (dBm/100MHz) Date: 2023-05-17 Site : 03CH11-HY Condition : PEAK_74 3m 91200_01620_220824 VERTICAL ..



Emission below 1GHz
2.4GHz WIFI 802.11ax HE40 Full (LF)

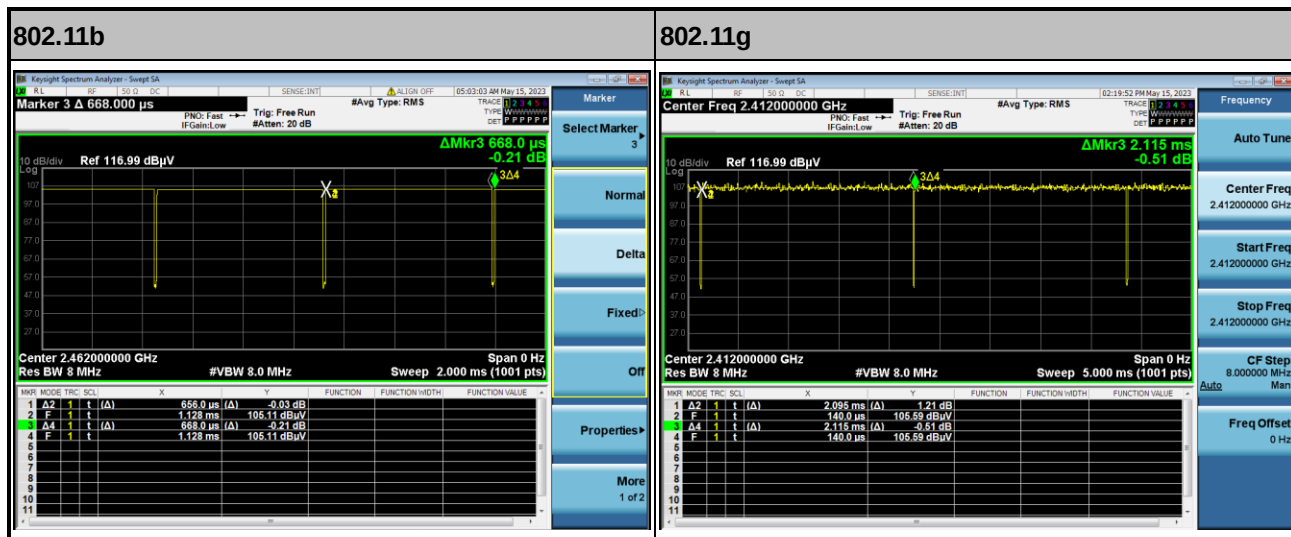
WIFI	2.4GHz 2400~2483.5MHz	
ANT	802.11ax HE40 Full LF	
7+8	Horizontal	Vertical
QP / Peak	 Site : 03CH11-HY Condition : QP 3m 2_8ILO6_35414_221008 HORIZONTAL ..	 Site : 03CH11-HY Condition : QP 3m 2_8ILO6_35414_221008 VERTICAL ..



Appendix E. Duty Cycle Plots

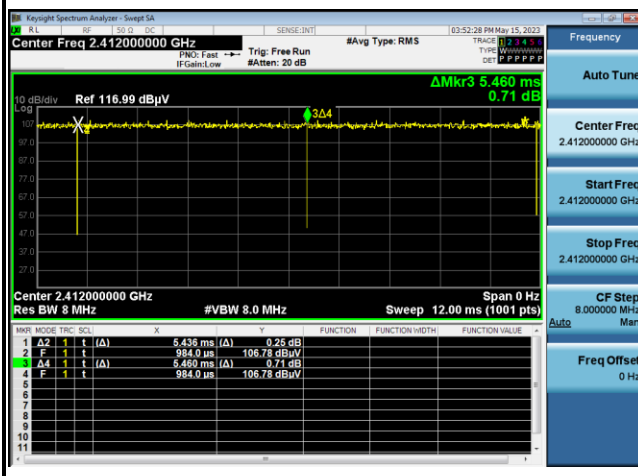
Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting
7+8	802.11b	98.20	-	-	10Hz
7+8	802.11g	99.05	-	-	10Hz
7+8	2.4GHz 802.11ax HE20 Full RU	99.56	-	-	10Hz
7+8	2.4GHz 802.11ax HE20 106 RU	91.96	9270	0.11	300Hz
7+8	2.4GHz 802.11ax HE40 Full RU	99.18	-	-	10Hz
7+8	2.4GHz 802.11ax HE40 242 RU	99.55	-	-	10Hz

MIMO <Ant. 7+8>

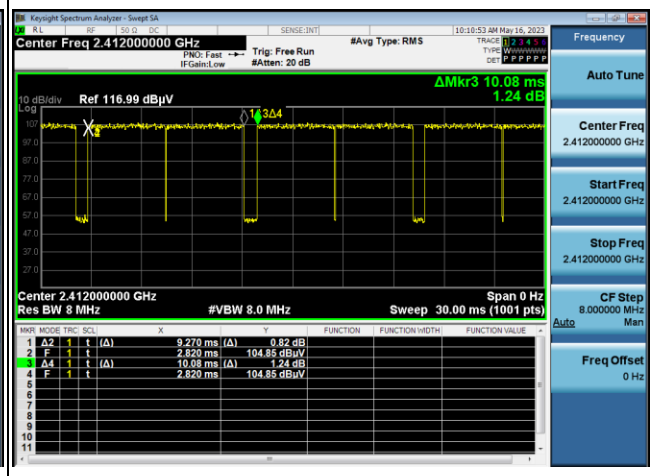




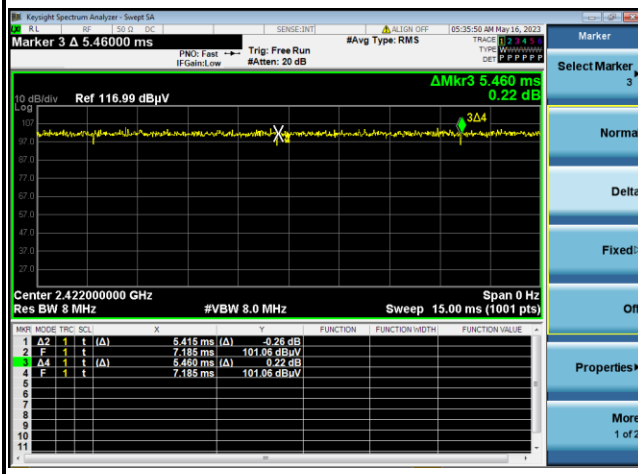
802.11ax HE20 Full RU



802.11ax HE20 106 RU



802.11ax HE40 Full RU



802.11ax HE40 242 RU

